

(19) United States

(12) Patent Application Publication (10) Pub. No.: US 2004/0021643 A1 Hoshino et al.

(43) Pub. Date: Feb. 5, 2004

(54) DISPLAY UNIT WITH TOUCH PANEL AND INFORMATION PROCESSING METHOD

(76) Inventors: Takeshi Hoshino, Kodaira (JP); Takeshi Minemoto, Kawasaki (JP); Yujin Tsukada, Tokyo (JP)

> Correspondence Address: MATTINGLY, STANGER & MALUR, P.C. 1800 DIAGONAL ROAD **SUITE 370** ALEXANDRIA, VA 22314 (US)

10/230,100 (21) Appl. No.:

(22)Filed: Aug. 29, 2002

(30)Foreign Application Priority Data

Aug. 2, 2002 (JP) 2002-226131

Publication Classification

ABSTRACT (57)

A display unit with a touch panel to move a touch-driven member such as a functional button to a desired position through a touch operation. By touching a draggable icon displayed on a screen with a finger, the icon is changed in color to indicate that the user can drag the icon. Then, by pushing the icon, the icon is changed in size and color to indicate that the user can drag the icon. As by reducing the pushing force to touch on the icon, and moving the finger, the icon is dragged following the finger. As by pushing the icon with the finger at a predetermined position, the icon is set at this position and changed in size and color. When releasing the finger from the icon, the icon is settled at this position.

